

AMENDMENTS TO THE CLAIMS

1. (Original) Process for the manufacture of pentafluoroethane, according to which tetrafluoroethylene is subjected to reaction with an organic nitrogenous base hydrofluoride at a temperature of greater than 100°C and not exceeding 160°C.
2. (Original) Process according to Claim 1, in which the temperature is from 110 to 150°C.
3. (Original) Process according to Claim 2, in which the temperature is from 120 to 140°C.
4. (Currently amended) Process according to ~~any one of Claims 1 to 3~~ claim 1, in which the pressure is maintained from 2 to 30 bar.
5. (Currently amended) Process according to ~~any one of Claims 1 to 4~~ claim 1, in which the organic nitrogenous base hydrofluoride corresponds to the general formula $[B \cdot nHF]$ in which B denotes the organic nitrogenous base and n denotes a whole or decimal number of less than or equal to 4.
6. (Original) Process according to Claim 5, in which n denotes a number of less than or equal to 3.
7. (Currently amended) Process according to ~~Claim 5 or 6~~ claim 5, in which n denotes a number of greater than or equal to 2.
8. (Currently amended) Process according to ~~any one of Claims 1 to 7~~ claim 1, in which the organic nitrogenous base is selected from the group consisting of ~~chosen~~ from triethylamine and tri(n-butyl)amine.
9. (Original) Process according to Claim 8, in which the organic nitrogenous base is triethylamine.
10. (Currently amended) Process according to ~~any one of Claims 1 to 9~~ claim 1, in which the reaction is carried out continuously.
11. (New) Process according to claim 3, in which the pressure is maintained from 2 to 30 bar.
12. (New) Process according to claim 11, in which the organic nitrogenous base

hydrofluoride corresponds to the general formula $[B \cdot nHF]$ in which B denotes the organic nitrogenous base and n denotes a whole or decimal number of less than or equal to 4.

13. (New) Process according to Claim 12, in which n denotes a number of less than or equal to 3.

14. (New) Process according to claim 13, in which n denotes a number of greater than or equal to 2.

15. (New) Process according to claim 14, in which the organic nitrogenous base is triethylamine or tri(n-butyl)amine.

16. (New) Process according to Claim 15, in which the organic nitrogenous base is triethylamine.

17. (New) Process according to claim 16, in which the reaction is carried out continuously.